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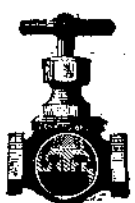
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JENKINS BROS.' VALVES.

Gate, Globe, Angle, Check, and Safety.

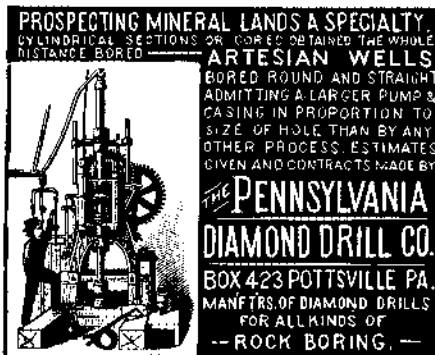
MANUFACTURED OF BEST STEAM METAL.

The Jenkins Disks used in these Valves are manufactured under our 1880 Patent, and will stand any degree of steam pressure, hot and cold oils, or acid.

To avoid imposition, see that valves are stamped "Jenkins Bros."

JENKINS BROS.,

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Address JOHN A. ROEBLING'S SONS, Manufacturers, Trenton, N. J., or 117 Liberty Street, New York. Wheels and Rope for conveying power long distances. Send for circular.

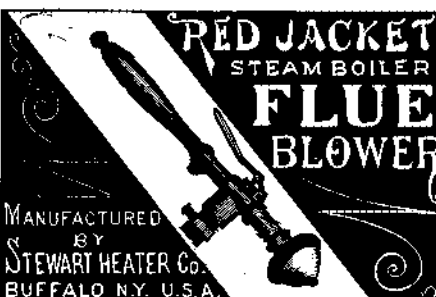


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WORKS AND OFFICE, TRENTON, N. J.
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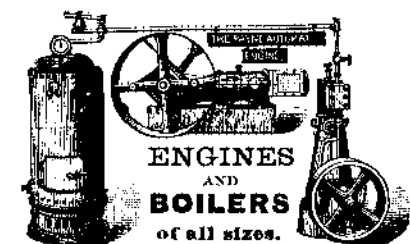
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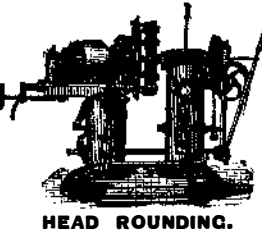
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EASY TO APPLY.

ASBESTOS MINERS AND MANUFACTURERS BRAIDED PACKING, MILL BOARD, SHEATHING AND SPECIALTIES. **CHALMERS-SPENCE CO.** FOOT EAST 8TH STREET, N. Y.



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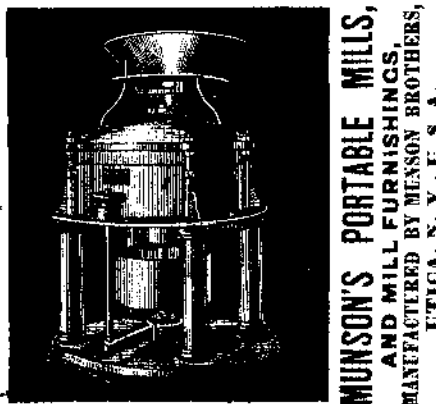
BARREL, KEG, HOGSHEAD, AND Stave Machinery Over 50 varieties manufactured by **E. & B. HOLMES,** Buffalo, N. Y.

ICE-HOUSE AND REFRIGERATOR. Directions and Dimensions for construction, with one illustration of cold house for preserving fruit from season to season. The air is kept dry and pure throughout the year at a temperature of from 36° to 38°. Contained in SCIENTIFIC AMERICAN SUPPLEMENT No. 116. Price 10 cents. To be had at this office and of all newsdealers.



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Designed for actual work; no toy. Lathes for wood or metal. Drill Presses, Chucks, Drills, Dies, and Machine's and amateurs' outfits. Lathes on trial. Catalogues mailed on application. **165 West 2d Street, Cincinnati, Ohio.**

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Best in principle, workmanship, and materials. An unequalled small Motor adapted to all uses. When the motor is not at work, the expense of running it ceases. Simple, Safe, Economical, Durable. No extra insurance. Four sizes: 1 H. P., 1/2 H. P., 1 man power, and a Sewing Machine Motor. Our Gas Engines will work satisfactorily when attached to Gasoline Machines. Send for Illustrated Catalogue.

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95 MILK ST., BOSTON, MASS.

This Company owns the Letters Patent granted to Alexander Graham Bell, March 7th, 1876, No. 174,465, and January 30th, 1877, No. 186,787.

The transmission of Speech by all known forms of Electric Speaking Telephones infringes the right secured to this Company by the above patents, and renders each individual user of telephones not furnished by it or its licensees responsible for such unlawful use, and all the consequences thereof, and liable to suit therefor.



Mention this paper. Especially for **MILLER'S** Packing. Unequalled for water pumps, etc. In sizes, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60, 72, 84, 96, 108, 120, 144, 168, 192, 216, 240, 270, 300, 360, 420, 480, 540, 600, 660, 720, 780, 840, 900, 960, 1080, 1200, 1320, 1440, 1560, 1680, 1800, 1920, 2040, 2160, 2280, 2400, 2520, 2640, 2760, 2880, 3000, 3120, 3240, 3360, 3480, 3600, 3720, 3840, 3960, 4080, 4200, 4320, 4440, 4560, 4680, 4800, 4920, 5040, 5160, 5280, 5400, 5520, 5640, 5760, 5880, 6000, 6120, 6240, 6360, 6480, 6600, 6720, 6840, 6960, 7080, 7200, 7320, 7440, 7560, 7680, 7800, 7920, 8040, 8160, 8280, 8400, 8520, 8640, 8760, 8880, 9000, 9120, 9240, 9360, 9480, 9600, 9720, 9840, 9960, 10080, 10200, 10320, 10440, 10560, 10680, 10800, 10920, 11040, 11160, 11280, 11400, 11520, 11640, 11760, 11880, 12000, 12120, 12240, 12360, 12480, 12600, 12720, 12840, 12960, 13080, 13200, 13320, 13440, 13560, 13680, 13800, 13920, 14040, 14160, 14280, 14400, 14520, 14640, 14760, 14880, 15000, 15120, 15240, 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